REMARKS

Claim Rejections under 35 U.S.C. § 103(a)

In the present Office Action, Claims 1-27, 29-31 are rejected under 35 U.S.C. § 103(a) as being unpatentable over *Sheldon, et al.* (U.S. Patent No. 6,072,486 – "*Sheldon*") and further in view of *Klingler, et al.* (U.S. Patent No. 5,404,316 – "*Klingler*"). After careful consideration of Examiner's remarks, Applicant respectfully traverses Examiner's rejection in view of the arguments submitted herein.

Regarding Claim 1, *Sheldon* does disclose a method of displaying icons within a data processing system, with the automatic *rearrangement* of the icons with respect to the number of icons and the designation of the area on the screen for displaying the icons. However, nothing in *Klingler* teaches or suggests "automatically scaling each of said plurality of icons in response to said quantity of said plurality of icons and said designated area such that said plurality of icons can be displayed in said designated area of said display screen."

Klingler discloses a time scale indicator which allows the user to define the ratio of the number of frames per frame display (col. 8, lines 21-23). However, the ratio n as defined by the user merely indicates to the system to display every n^{th} frame on the screen. Furthermore, *Klingler* recites the necessity of using "conventional horizontal and vertical sliders . . . to allow display of each of the horizontal frame displays **120** and horizontal sound bands **118** regardless of the selected Window size" (col. 8, 30-34). This indicates that *Klingler* does not calculate the frame size so that every frame is visible within the frame display without the use of the horizontal and/or vertical sliders.

Therefore, it appears that the invention as disclosed in *Klingler* merely displays a preset grid, in response to the ratio n defined by the user (see Fig. 3). In Figure 3, the clip frames appear to be of a preset size. Also, the grid, and the corresponding clip frames, are not sized so that the entire grid may be displayed in the window without the use of horizontal and or vertical sliders. Note, in the grid in Figure 3, there are headers marked "Clip 1", "scene 1", "Clip 2", "scene 2", etc. However, it appears that the line titled "scene 5" is not viewable without the use

of the vertical slider. The entire purpose of the present invention is to size a plurality of icons in response to the number of icons to be displayed and the designated screen area so that the icons maximize the use of the designated screen area, but are appropriately sized as to not require the use of conventional sliders (specification, page 17, lines 17-29).

Applicant believes that the arguments addressed regarding Claim 1 apply to Claims 8, 15, 22, 25, and 29.

In the Present Office Action, Claim 28 is rejected under 35 U.S.C. § 103(a) as being unpatentable under *Sheldon, Klingler,* and further in view of *Bodnar, et al.* (U.S. Patent No. 6,310,634 B1 – "*Bodnar*"). While *Bodnar* does disclose the use of a handheld device, this use refers to the presentation of calendar data by a calendar module. Nothing in the combination of *Sheldon, Klingler,* or *Bodnar* teaches nor suggests a data processing system (hand held device, according to Claim 28) with a:

> means for displaying said plurality of icons within said determined size of said designated area, based upon said predetermined minimum size and said predetermined maximum size, by at least one of a) automatically scaling said icons; b) displaying a portion of each one of said plurality of icons; and c) creating a plurality of selectable display screen pages wherein each screen page has a portion of the plurality of icons displayed within said determined size of said designated area (Claim 26, lines 7-15).

In *Bodnar,* the calendar module allows the user to switch between different views of the same data, depending on the user's desired focus on the data. The user may specify an event, daily, weekly, or monthly view of the data (col. 13, lines 10-45). However, this method and system, in view of *Sheldon* and *Klingler,* greatly differs from the subject of the present invention.

First, the issues addressed in the discussion regarding Claim 1 also apply to Claim 28. *Sheldon* demonstrates the rearrangement of icons, but *Klingler* does not teach nor suggest "a) automatically scaling said icons; b) displaying a portion of each one of said plurality of icons; and c) creating a plurality of selectable display screen pages wherein each screen page has a portion of the plurality of icons displayed within said determined size of said designated area" (Claim 26, lines 10-15). Next, *Bodnar* refers to a "high-level navigation model" (col. 13, lines
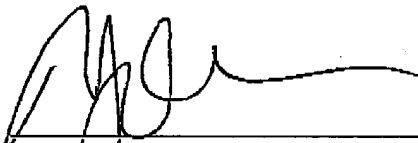
25-45) and a "calendar module" (col. 13, lines 10-23), which is a specific application of the high-level navigation model. The "high-level navigation model" allows the user to switch the display to get another view of the data by the activation of a "view switch key" (col. 13, lines 30-31). According to *Bodnar* the view switch "cycles through different views at a particular level, with *the actual views being dictated by the particular application (module)*." (col. 13, lines 18-21). Therefore, the views of the data available to the user are pre-set views (e.g. by event, daily, weekly, monthly – in the case of viewing events on a calendar application). The present invention scales the icons not in response to a user selection among pre-set views, but in response to: (1) the number of icons to be displayed; and (2) the designated area for the display of the icons.

CONCLUSION

In light of the preceding arguments, Applicant believes that independent Claims 1, 8, 15, 22, 25, and 29 and all dependent claims are not rendered unpatentable in view of *Sheldon*, *Klingler*, and further in view of *Bodnar*. Therefore, Applicant respectfully requests a Notice of Allowance for all pending claims.

No extension of time is believed to be required. However, in the event that an extension of time is required, please charge that extension fee and any other required fees to **IBM Corporation Deposit Account Number 09-0447.**

Respectfully submitted,

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